



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Alamance PERMIT NO.: 01-05 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P	<input checked="" type="checkbox"/>	FIRM		
CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: July 31, 2012 **Date of Last Inspection:** September 12, 2011 (partial insp. 12/20/11)

FACILITY NAME AND ADDRESS:

Coble's Sandrock, Inc. C&D Landfill
 5833 Foster Store Road
 Liberty, NC 27298

GPS COORDINATES: N: 35.95291 E: -79.53103

FACILITY CONTACT NAME AND PHONE NUMBER:

Kent and Brenda Coble, Owners
 w. 336-565-4750
 f. 336-565-4752
 c. 336-264-4890 – Kent
 c. 336-264-4893 – Brenda
brendalcoble@bellsouth.net

FACILITY CONTACT ADDRESS:

Kent and Brenda Coble
 Coble's Sandrock, Inc. C&D Landfill
 5833 Foster Store Road
 Liberty, NC 27298

PARTICIPANTS

John Patrone, NCDENR – Solid Waste Section (SWS)
 Kent Coble, Owner/Operator
 Brenda Coble, Owner/Secretary

STATUS OF PERMIT:

Permit To Operate (PTO) Phase 2 and Phase 3A issued January 20, 2012
 Permit To Construct (PTC) Phase 3B issued in conjunction with PTO
 PTO expiration date is January 30, 2014

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

None

OBSERVED VIOLATIONS

None

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The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

On July 31, 2012, John Patrone met with Kent and Brenda Coble to conduct a comprehensive inspection of the Coble's Sandrock, Inc. C&D Landfill on Foster Store Road in Liberty, Alamance County.

C&D Landfill

1. The facility is a construction and demolition debris (C&D) landfill.
2. The facility permit approves the operation of Phase 2 and Phase 3A. And the construction of Phase 3B with construction conditions (see facility permit, Attachment 2 – Conditions Of Permit To Construct).
3. The facility permit, site plan, and operations plan were discussed.
4. The facility is in operation Monday through Thursday 7:30 am – 4:30 pm and Friday 7:30 am – 12:00 pm.
5. The facility is currently accepting C&D in Phase 2A.
6. The facility is permitted to receive C&D, inert debris, land clearing debris (LCD), and (used) asphalt.
7. The facility service area is located up to 25 miles from the landfill, although existing customers located outside the 25 mile radius are grandfathered under franchise agreement. And new customers outside the 25 mile radius may replace existing customers.
8. The facility has previously accepted solid waste from: Alamance, Cabarrus, Caswell, Chatham, Davidson, Forsyth, Greene, Guilford, Lee, Orange, Randolph, Rockingham, and Wake Counties.
9. The facility shall not accept yard trash for disposal.
10. The following are facility certified personnel:
 - a. Kent Coble, Certified Landfill Operations Specialist, No. LF-2000113, exp. 12/13/12
 - b. Brenda Coble, Certified Landfill Operations Specialist, No. LF-2000112, exp. 12/13/15
 - c. Tonya Brewer, Certified Landfill Operations Specialist, No. LF-20100328, exp. 06/14/13
11. The facility conducts ≥ 4 waste screening a month. Waste screening records were verified for January 11 through July 30, 2012.
12. The facility design capacity is approved for 600 TPD or 94,250 TPY based on 290 operating days.
13. The facility maintains records of the amount of material received. Records were verified for material received: January (762.68 tons), April (955.20 tons), June (941.50 tons), and July - to date (962.04 tons) 2012.
14. The facility annual report (FAR) was received by SWS on July 30, 2012. Tonnage received July 2011 through June 2012 is 8,428.04.
15. Vehicle scale test was conducted by Central Carolina Scale, Inc. on July 27, 2012. It was repaired and adjusted.
16. Vehicle scale test was conducted by NC Department of Agriculture & Consumer Services on August 4, 2011. A finding of zero error is noted.
17. The facility is in the process of re-grading Phase 1 and Phase 2. Mr. Coble stated that the re-grading project is almost complete and that the landfill will soon be sown with grass seed.
18. The landfill appeared to be adequately covered with soil. Re-graded landfill external side slopes appeared adequate.
19. Mr. Coble was asked to modify the Phase 1A (internal) side slope facing Phase 3A such that erosion rills are eliminated and to ensure waste is not exposed.
20. The facility shall cover solid waste with six-inches of soil weekly or when the disposal area exceeds one-half acre.

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21. Mr. Coble stated that he commonly covers solid waste with soil on Fridays and notes the day, other than Friday, that material is covered on a calendar. Mr. Coble was reminded that the date and time solid waste is covered with soil shall be recorded for each event.
22. The facility has installed edge of waste markers, designated by yellow colored metal stakes.
23. Facility financial assurance was demonstrated at time of permit renewal.
24. The facility maintains semiannual groundwater and surface water monitoring test records conducted by Joyce Engineering, Inc. and analyzed by Pace Analytical Services, Inc. Records for April 16 & 17, 2012 and October 12 & 13, 2011 were verified. An exceedance is noted for both monitoring events.
25. The facility maintains quarterly methane monitoring records for monitoring wells GP-1 through GP-4. Methane monitoring is conducted by Joyce Engineering, Inc. Records for July 3, 2012 (3rd quarter), April 16, 2012 (2nd quarter), January 23, 2012 (1st quarter), and October 13, 2011 (4th quarter) were verified. No detectable measure of methane is noted.
26. Ensure that groundwater wells and methane monitoring wells are easily accessible.
27. The facility obtains soil from a borrow area in Phase 3B.
28. The Snow Camp and/or E.M. Holt Volunteer Fire Departments will address an emergency at the facility.
29. No windblown material was observed.
30. The facility has an all-weather access road.
31. The facility is secured by a locked gate.
32. The facility has proper signage.
33. The permit expiration date is January 30, 2014.
34. Permit renewal application should be submitted to the SWS by September 30, 2013.

Asphalt Shingle Recovery (T&P Operation)

1. The facility is permitted to collect asphalt shingles for recovery. The treatment and processing (T&P) operation is required to be conducted in accordance with the asphalt shingle recycling operations plan, approved by the SWS on April 29, 2011.
2. The T&P operation is located in an unused section of Phase 3A, occupying an area ~ 30' x 30'.
3. The facility maintains records of the amount of asphalt shingles received and shipped-out. Records were verified for 2012 (to date). The facility shipped-out 1,348.41 tons.
4. The asphalt shingle recycling operations plan states that each load received must be signed by the hauler declaring the source of the shingles. If need be, review this requirement with SWS – Permitting Branch.
5. Asphalt shingles are picked-up by S.T. Wooten Corporation (A copy of a letter issued to S.T. Wooten Corporation from NCDHHS, Division of Public Health - Epidemiology Section, Occupational and Environmental Epidemiology Branch, dated June 3, 2011, for its recycling and grinding post-consumer asphalt roofing shingles operation is on file).
6. Additional barriers should be placed around the asphalt shingle recovery area. The operations plan states that Jersey barriers will be placed around three sides of the area.
7. A sign has been posted at the asphalt shingle recovery area.
8. Mr. Coble stated that waste material sorted from the shingles is placed in a loader and brought to the working face by the end of each workday.

Recycled Materials Recovery (T&P Operation)

1. The facility is permitted to sort and recycle cardboard, clean wood, metals, plastic, and clean concrete for recovery. All recovered materials must be sorted and securely stored by the end of each workday. All non-recoverable materials in the sorting area must be properly disposed of by the end of each workday.
2. The facility has a stockpile of clean wood. Mr. Coble stated that he plans to grind the clean wood in spring 2013. Clean ground wood/mulch may be applied to the landfill cap to limit runoff and enhance the establishment of vegetative groundcover. Additional use of ground wood/mulch must be approved by the SWS – Permitting Branch.

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3. The facility has a stockpile of concrete. Mr. Coble stated that he plans to crush the concrete in fall 2012.
4. When the facility permit is renewed/modified update the operations plan to include the grinding and crushing activities.

Please contact me if you have any questions or concerns regarding this inspection report.



John Patrone
Environmental Senior Specialist
Regional Representative

Phone: 336-771-5095 Fax: 336-771-4631

Sent on: <u>August 10, 2012</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No. <u> </u>
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Copies: Jason Watkins, Western District Supervisor
Jessica Montie, Compliance Officer
Geof Little, Permit Engineer
Ervin Lane, Compliance Hydrogeologist

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Digital photographs taken July 31, 2012
by John Patrone, DWM-SWS

Rear external side slope of Phase 1A and 2B



Front side slope of Phase 1A



Phase 1A internal side slope, facing Phase 3B, requiring re-grading and additional soil cover



Asphalt shingle recovery area, additional barriers required

